

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER Ute Tribal 18-02P		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT ANTELOPE CREEK		
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO				5. UNIT or COMMUNITIZATION AGREEMENT NAME ANTELOPE CREEK		
6. NAME OF OPERATOR PETROGLYPH OPERATING CO				7. OPERATOR PHONE 208 685-7674		
8. ADDRESS OF OPERATOR 960 Broadway Ave, Ste 500, Bosie, ID, 83703				9. OPERATOR E-MAIL bwest@pgei.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-3513		11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Indian Tribe		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	770 FNL 1697 FEL	NWNE	18	5.0 S	3.0 W	U
Top of Uppermost Producing Zone	20 FNL 1200 FEL	NENE	18	5.0 S	3.0 W	U
At Total Depth	20 FNL 1200 FEL	NENE	18	5.0 S	3.0 W	U

21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 770		23. NUMBER OF ACRES IN DRILLING UNIT 640	
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1196		26. PROPOSED DEPTH MD: 6063 TVD: 6063	
27. ELEVATION - GROUND LEVEL 5987		28. BOND NUMBER BO 4556		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8342	

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	18	14	0 - 40	5.0	Unknown	10.0	Class G	25	1.17	15.8
SURF	12.25	8.625	0 - 480	24.0	J-55 ST&C	10.0	Class G	220	1.17	15.8
PROD	8.75	5.5	0 - 6063	15.5	J-55 LT&C	10.0	Class G	516	1.91	12.5
							Class G	338	1.46	13.4

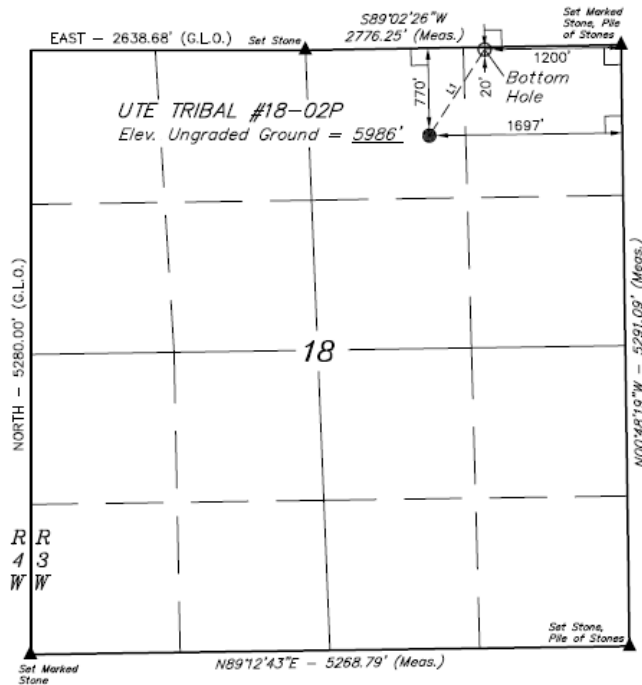
ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Ed Trotter	TITLE Agent	PHONE 435 789-4120
SIGNATURE	DATE 06/01/2011	EMAIL edtrotter@easilink.com
API NUMBER ASSIGNED 43013508030000	APPROVAL <div style="text-align: center;"> Permit Manager </div>	

PETROGLYPH OPERATING CO., INC.



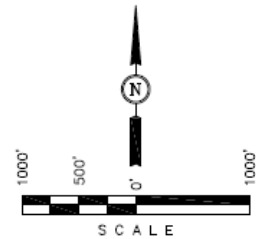
Well location, UTE TRIBAL #18-02P, located as shown in the NW 1/4 NE 1/4 of Section 18, T5S, R3W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BRASS CAP SET IN CONCRETE BY SUNRISE ENGINEERING
LOCATED IN THE SE 1/4 OF SECTION 8, T5S, R3W, U.S.B.&M.
SAID ELEVATION IS MARKED AS BEING 6191.3 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161318
STATE OF UTAH

REVISÉ: 03-09-11

UTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 02-16-11	DATE DRAWN: 03-07-11
PARTY B.H. K.P. S.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE PETROGLYPH OPERATING CO., INC.	

LEGEND:

- L = 90° SYMBOL
 ● = PROPOSED WELL HEAD.
 ▲ = SECTION CORNERS LOCATED.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N32°40'43"E	900.58'

NAD #3 (TARGET BOTTOM HOLE)	NAD #3 (SURFACE LOCATION)
LATITUDE = 40°03'13.56" (40.053787)	LATITUDE = 40°03'08.14" (40.051706)
LONGITUDE = 110°15'37.75" (110.260486)	LONGITUDE = 110°15'44.13" (110.262256)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°03'13.70" (40.053806)	LATITUDE = 40°03'08.28" (40.051744)
LONGITUDE = 110°15'35.20" (110.259778)	LONGITUDE = 110°15'41.58" (110.261550)